

## **Crude Oil and Petroleum Products**

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<b>Figures</b>		<b>Page</b>
3.1	Utah Proved Reserves of Crude Oil and Natural Gas Liquids, 1960-1997 .....	59
3.2	Utah Well Completions, 1960-1997 .....	63
3.3	Utah Crude Oil Production and Total Proved Reserves, 1960-1997 .....	65
3.4	Utah Crude Oil Production, 1960-1997 .....	67
3.5	Utah Crude Oil Production by County, 1997 .....	69
3.6	Utah Crude Oil Production by Landownership, 1960-1997 .....	73
3.7	Utah Value of Crude Oil, 1960-1997 .....	75
3.8	Utah Refinery Receipts of Crude Oil by State of Origin, 1960-1997 .....	78
3.9	Utah Refinery Activity, 1997 .....	81
3.10	Utah Consumption of Petroleum Products, 1960-1997 .....	85
3.11	Utah Consumption of Petroleum Products by End Use, 1960-1997 .....	87
3.12	Utah End-Use Price of Petroleum Products, 1970-1997 .....	89

<b>Tables</b>		
3.1	U.S. Proved Reserves of Crude Oil and Natural Gas Liquids by State, December 31, 1997 .....	57
3.2	Utah Proved Reserves of Crude Oil and Natural Gas Liquids, 1960-1997 .....	58
3.3	Utah Exploration and Drilling Activity, 1960-1997 .....	60
3.4	Utah Crude Oil Drilling Activity by Well Type, 1960-1997 .....	61
3.5	Utah Well Completions, 1960-1997 .....	62
3.6	U.S. Crude Oil Production by State, 1994-1997 .....	64
3.7	Utah Crude Oil Production, 1960-1997 .....	66
3.8a	Utah Crude Oil Production by County, 1994-1997 .....	68
3.8b	Utah Crude Oil Production, Abandoned Production, and Cumulative Production, 1960-1997 .....	68
3.9	Utah Crude Oil Production by the 25 Largest Fields, 1997 .....	70
3.10	Utah Crude Oil Production by the 25 Largest Operators, 1997 .....	71
3.11	Utah Crude Oil Production by Landownership, 1960-1997 .....	72
3.12	Utah Production, Price and Value of Crude Oil, 1960-1997 .....	74
3.13	Utah Crude Oil Pipelines, 1997 .....	76
3.14	Utah Refinery Receipts of Crude Oil by State of Origin, 1960-1997 .....	77
3.15a	Utah Refinery Activity, 1996 .....	79
3.15b	Utah Refinery Activity, 1997 .....	80
3.16	Utah Petroleum Refining Capacity as of January 1, 1998 .....	82
3.17	Utah Petroleum Refinery Capacity Utilization, 1960-1997 .....	83
3.18	Utah Consumption of Petroleum Products, 1960, 1970-1997 .....	84
3.19	Utah Consumption of Petroleum Products by End Use, 1960-1997 .....	86
3.20	Utah End-Use Price of Petroleum Products, 1970-1997 .....	88



Table 3.1    **U.S. Proved Reserves of Crude Oil and Natural Gas Liquids by State,  
December 31, 1997**  
Million Barrels

Rank	State	Crude Oil	Natural Gas Liquids	Total
1	Texas	5,687	2,687	8,374
2	Alaska	5,161	631	5,792
3	California	3,750	95	3,845
4	Federal Offshore Gulf of Mexico (Louisiana)	2,587	785	3,372
5	New Mexico	735	869	1,604
6	Oklahoma	605	685	1,290
7	Louisiana	714	437	1,151
8	Wyoming	627	548	1,175
9	Kansas	238	271	509
10	Federal Offshore Pacific (California)	528	14	542
11	Colorado	198	264	462
<b>12</b>	<b>Utah</b>	<b>234</b>	<b>213</b>	<b>447</b>
13	Federal Offshore Gulf of Mexico (Texas)	362	121	483
14	North Dakota	279	47	326
15	Montana	159	5	164
16	Mississippi	183	6	189
17	Alabama	47	93	140
18	Michigan	68	50	118
19	Florida	91	17	108
20	Illinois	92	na	92
21	West Virginia	26	71	97
22	Kentucky	20	48	68
23	Arkansas	45	7	52
21	Ohio	43	na	43
22	Nebraska	21	na	21
23	Indiana	10	na	10
24	Pennsylvania	17	na	17
	Lower-48 States	17,385	7,342	24,727
	Miscellaneous	19	9	28
	<b>U.S. Total</b>	<b>22,546</b>	<b>7,973</b>	<b>30,519</b>

Source: EIA, *U.S. Crude Oil, Natural Gas, and Natural Gas Liquids Reserves, 1997 Annual Report*, DOE/EIA-0216(97).

**Table 3.2 Utah Proved Reserves of Crude Oil and Natural Gas Liquids, 1960-1997**  
Thousand Barrels

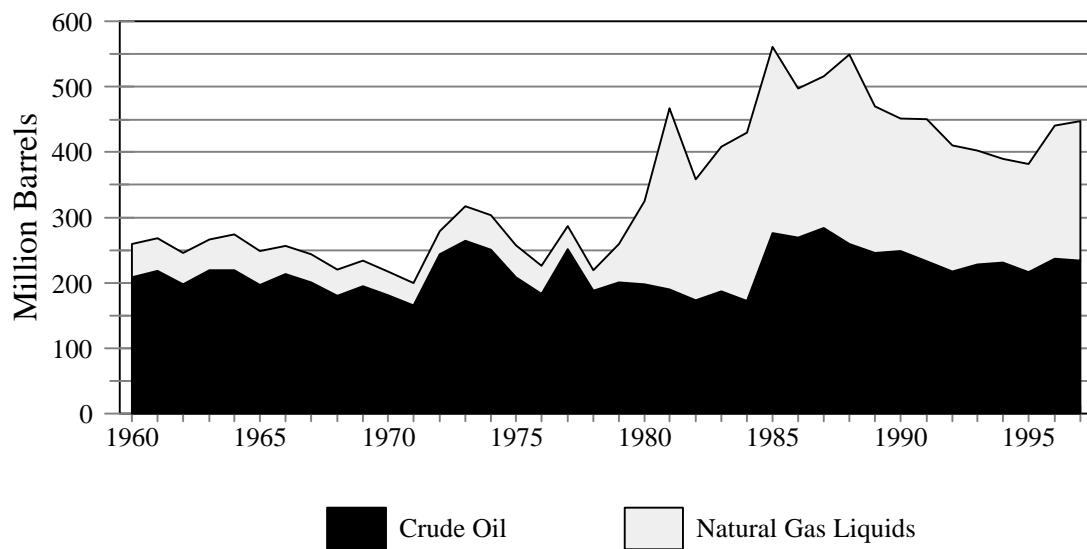
Year	Crude Oil Reserves	Natural Gas Liquids Reserves	Total Liquids Reserves	Production	Crude Oil Reserves-to-Production Ratio
1960	208,464	50,702	259,166	37,596	5.5
1961	218,105	50,418	268,523	33,084	6.6
1962	197,722	48,788	246,510	30,953	6.4
1963	219,576	46,591	266,167	33,449	6.6
1964	219,508	54,657	274,165	28,555	7.7
1965	196,877	51,358	248,235	25,319	7.8
1966	213,391	42,708	256,099	24,150	8.8
1967	201,046	42,748	243,794	24,044	8.4
1968	180,039	40,495	220,534	23,504	7.7
1969	195,290	38,789	234,079	23,306	8.4
1970	181,512	36,290	217,802	23,366	7.8
1971	165,806	33,947	199,753	23,630	7.0
1972	244,397	34,002	278,399	26,510	9.2
1973	264,512	52,544	317,056	32,544	8.1
1974	250,648	52,354	303,002	39,443	6.4
1975	208,318	49,367	257,685	40,144	5.2
1976	183,176	42,488	225,664	35,384	5.2
1977	252,000	34,317	286,317	37,316	6.8
1978	188,000	31,714	219,714	35,765	5.3
1979	201,000	59,000	260,000	27,652	7.3
1980	198,000	127,000	325,000	24,979	7.9
1981	190,000	277,000	467,000	24,309	7.8
1982	173,000	185,000	358,000	23,595	7.3
1983	187,000	221,000	408,000	31,045	6.0
1984	172,000	258,000	430,000	38,054	4.5
1985	276,000	285,000	561,000	41,080	6.7
1986	269,000	228,000	497,000	39,245	6.9
1987	284,000	232,000	516,000	35,829	7.9
1988	260,000	289,000	549,000	33,365	7.8
1989	246,000	224,000	470,000	28,504	8.6
1990	249,000	203,000	452,000	27,705	9.0
1991	233,000	218,000	451,000	25,928	9.0
1992	217,000	193,000	410,000	24,074	9.0
1993	228,000	175,000	403,000	21,826	10.4
1994	231,000	158,000	389,000	20,668	11.2
1995	216,000	166,000	382,000	19,975	10.8
1996	237,000	204,000	441,000	19,517	12.1
1997	234,000	213,000	447,000	19,584	11.9

Source: American Petroleum Institute, *Reserves of Crude Oil, Natural Gas Liquids, and Natural Gas in the United States and Canada*, for 1960-1976 data; EIA, *U.S. Crude Oil, Natural Gas, and Natural Gas Liquids Reserves, 1997 Annual Report*, DOE/EIA-0216(97), for 1977-1997 data; Utah Division of Oil, Gas and Mining, for production data; and OERP, for reserves-to-production calculation and natural gas liquids reserves estimate.

Note: The reserves-to-production ratio is a measure of remaining years of reserves at the current production level.

**Figure 3.1 Utah Proved Reserves of Crude Oil and Natural Gas Liquids, 1960-1997**

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Source: American Petroleum Institute, *Reserves of Crude Oil, Natural Gas Liquids, and Natural Gas in the United States and Canada*, for 1960-1976 data; EIA, *U.S. Crude Oil, Natural Gas, and Natural Gas Liquids Reserves, 1997 Annual Report*, DOE/EIA-0216(97), for 1977-1997 data.

Table 3.3      **Utah Exploration and Drilling Activity, 1960-1997**

Year	Drilling Permits	Rotary Rigs	Exploratory Wells	
			New Field Wildcats	Other Exploratory
1960	262	29	85	21
1961	302	33	101	46
1962	298	29	91	50
1963	270	22	100	34
1964	203	17	76	39
1965	248	14	50	29
1966	201	14	57	24
1967	173	15	59	22
1968	169	12	57	24
1969	127	12	52	15
1970	99	12	35	15
1971	137	17	55	15
1972	207	34	65	28
1973	273	38	51	44
1974	283	42	46	13
1975	200	26	61	5
1976	236	19	36	5
1977	374	30	88	15
1978	438	32	77	19
1979	393	29	70	24
1980	523	43	91	45
1981	678	68	156	81
1982	664	41	128	46
1983	588	36	120	38
1984	622	46	112	14
1985	392	28	46	16
1986	219	13	36	11
1987	195	8	33	16
1988	165	6	33	13
1989	97	5	17	9
1990	252	5	22	12
1991	402	11	16	31
1992	372	13	29	17
1993	171	5	59	3
1994	307	7	18	16
1995	307	7	20	46
1996	370	9	28	47
1997	527	13	15	73

Source: Petroleum Information Corporation, *Drilling Success Summary*, for 1960-1989 exploratory well data, Utah Division of Oil, Gas and Mining, *Report of Utah Oil and Gas Activity, 1997*, for 1990-1997 exploratory well data and 1960-1997 well permit data, American Petroleum Institute, *Basic Petroleum Data Book*, for 1960-1982 drilling rig data, 1983-1997 drilling rig data estimated by OERP.

Table 3.4    **Utah Crude Oil Drilling Activity by Well Type, 1960-1997**  
 Number of Wells

Year	New Field Wildcat	Other Exploratory	Development	Dry	Total
1960	3	7	102	82	194
1961	4	8	81	88	181
1962	11	18	80	94	203
1963	10	8	74	99	191
1964	8	10	40	85	143
1965	8	12	40	46	106
1966	4	8	55	67	134
1967	7	10	39	60	116
1968	4	3	44	73	124
1969	2	6	36	55	99
1970	5	11	32	36	84
1971	9	7	20	50	86
1972	13	21	43	50	127
1973	0	21	88	55	164
1974	2	3	126	60	191
1975	5	3	109	64	181
1976	2	0	52	50	104
1977	6	5	124	74	209
1978	6	5	64	41	116
1979	7	5	58	37	107
1980	4	6	61	58	129
1981	18	26	155	111	310
1982	26	19	127	87	259
1983	28	16	123	90	257
1984	38	6	184	104	332
1985	7	4	190	75	276
1986	5	4	100	38	147
1987	5	7	42	32	86
1988	5	6	51	31	93
1989	5	1	38	17	61
1990	4	6	49	14	73
1991	4	19	50	17	90
1992	4	4	52	10	70
1993	1	2	62	11	76
1994	0	8	60	16	84
1995	1	25	105	21	152
1996	2	32	134	37	205
1997	2	26	159	26	213

Source: Petroleum Information Corporation, *Drilling Success Summary*, for 1960-1989 data, and Utah Division of Oil, Gas and Mining, *Report of Utah Oil and Gas Activity, 1997*, for 1990-1997 data.

Table 3.5      **Utah Well Completions, 1960-1997**  
 Number of Wells

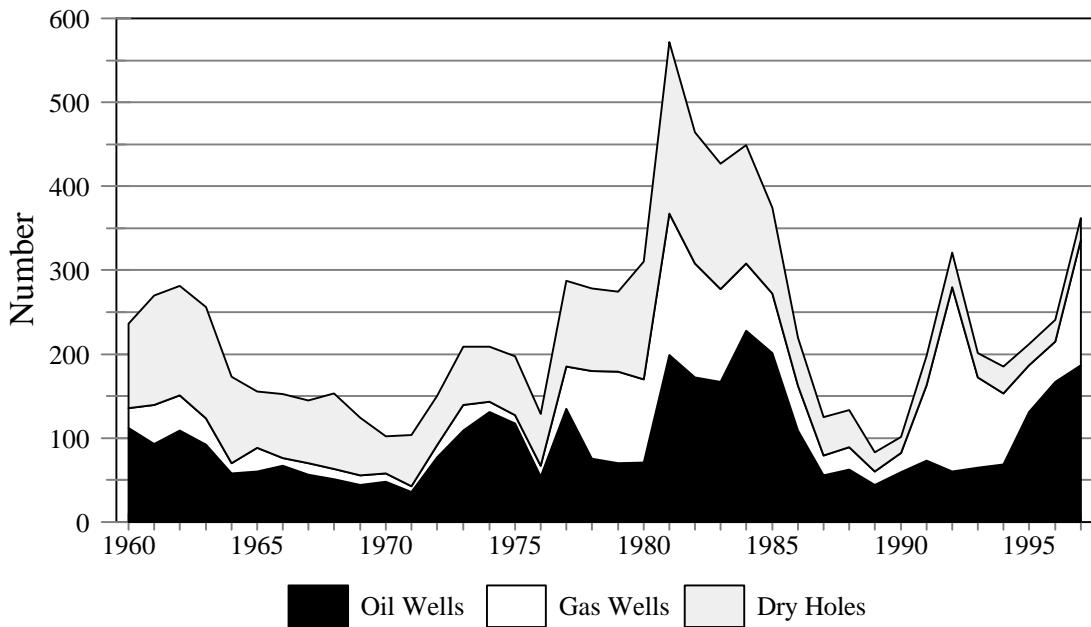
Year	Oil	Gas	Dry	Service	Total	Total Footage		Drilling Cost
						Feet	Feet	
1960	112	24	100	--	236	1,357,611	5,753	18.96
1961	93	46	131	--	270	1,591,650	5,895	19.82
1962	109	42	130	--	281	1,602,559	5,703	20.30
1963	92	31	133	--	256	1,413,836	5,523	18.41
1964	58	12	103	--	173	894,409	5,170	20.62
1965	60	28	67	--	155	786,420	5,074	20.71
1966	67	9	76	--	152	793,382	5,220	20.54
1967	56	14	75	--	145	753,346	5,195	26.39
1968	51	12	90	--	153	809,865	5,293	25.74
1969	44	11	69	--	124	720,687	5,812	26.70
1970	48	10	44	--	102	699,856	6,861	32.40
1971	36	7	60	--	103	790,452	7,674	29.02
1972	77	14	59	--	150	1,385,396	9,236	52.97
1973	109	30	70	--	209	1,840,706	8,807	58.55
1974	131	12	66	--	209	1,719,701	8,228	59.25
1975	117	10	70	--	197	1,660,178	8,427	74.31
1976	54	13	62	--	129	833,172	6,459	86.89
1977	135	50	102	--	287	1,815,361	6,325	64.16
1978	75	105	98	--	278	1,740,829	6,262	77.31
1979	70	109	95	--	274	1,651,794	6,028	123.99
1980	71	99	140	--	310	1,793,177	5,784	157.47
1981	199	168	205	--	572	3,764,185	6,581	183.89
1982	172	136	156	--	464	3,103,363	6,688	201.51
1983	167	110	150	--	427	2,681,406	6,280	211.64
1984	228	80	141	--	449	3,073,797	6,846	133.21
1985	201	71	102	--	374	2,666,858	7,131	140.29
1986	109	53	57	--	219	1,596,866	7,292	101.25
1987	55	24	46	--	125	785,620	6,285	83.70
1988	62	27	44	--	133	755,167	5,678	90.23
1989	44	16	23	--	83	409,979	4,940	89.85
1990	59	23	19	0	101	691,088	6,842	115.86
1991	73	90	35	3	201	1,253,781	6,238	87.66
1992	60	220	41	7	328	2,217,336	6,760	79.98
1993	65	107	29	0	201	1,182,823	5,885	96.75
1994	68	85	33	4	190	1,020,078	5,369	na
1995	131	56	25	5	217	1,368,243	5,872	na
1996	168	49	30	18	265	1,484,503	5,602	na
1997	187	149	26	20	382	2,180,140	5,707	na

Source: Petroleum Information Corporation, *Drilling Success Summary*, for 1960-1989 well completion data; Utah Division of Oil, Gas and Mining, *Report of Utah Oil and Gas Activity, 1997*, for 1990-1997 data; *Joint Association Survey* for drilling cost data.

Note: -- No data available.

**Figure 3.2     Utah Well Completions, 1960-1997**

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Source: Petroleum Information Corporation, *Drilling Success Summary*, for 1960-1989 well completion data; Utah Division of Oil, Gas and Mining, *Report of Utah Oil and Gas Activity, 1997*, for 1990-1997 data.

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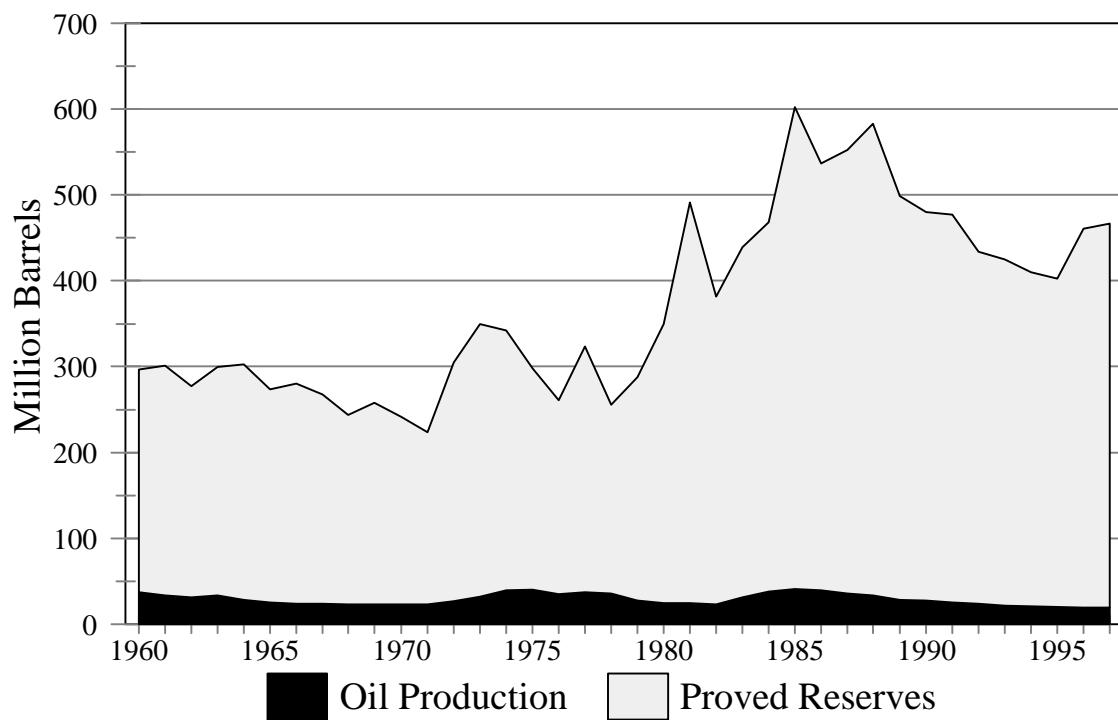
**Table 3.6 U.S. Crude Oil Production by State, 1994-1997**  
Thousand Barrels

<b>1997 Rank</b>	<b>State</b>	<b>1994</b>	<b>1995</b>	<b>1996</b>	<b>1997</b>	<b>Percent Change 1994-1997</b>
1	Texas	590,734	559,647	544,191	536,584	-3.1
2	Alaska	568,948	541,654	510,766	472,949	-5.6
3	Federal Offshore (Gulf Coast)	313,822	344,319	373,059	412,169	10.4
4	California	286,058	278,977	282,409	285,172	-0.1
5	Louisiana	126,484	122,883	134,363	134,134	2.0
6	Oklahoma	90,974	87,491	85,636	83,365	-2.8
7	Wyoming	79,528	78,884	73,368	70,176	-3.9
8	New Mexico	65,846	64,508	72,004	69,835	2.0
9	Federal Offshore (California)	57,507	71,709	64,419	54,134	-2.0
10	Kansas	46,733	43,767	41,599	39,836	-4.9
11	North Dakota	27,575	29,335	32,317	35,833	10.0
12	Colorado	28,613	27,976	24,170	25,616	-3.5
13	Mississippi	20,124	19,911	19,535	21,037	1.5
14	<b>Utah</b>	<b>20,668</b>	<b>19,975</b>	<b>19,517</b>	<b>19,584</b>	<b>-1.7</b>
15	Illinois	17,148	16,190	15,675	16,115	-2.0
16	Montana	16,527	16,529	16,173	15,527	-2.0
17	Alabama	18,344	18,731	16,868	14,831	-6.4
18	Michigan	12,207	11,383	10,740	10,052	-5.9
19	Ohio	8,758	8,258	8,305	8,593	-0.6
20	Arkansas	9,569	8,910	9,088	8,429	-4.0
21	Florida	6,093	5,693	6,292	6,381	1.6
22	Nebraska	4,217	3,794	3,541	3,337	-7.0
23	Kentucky	4,013	3,492	3,448	2,988	-8.5
24	Indiana	2,492	2,778	2,523	2,430	-0.8
25	West Virginia	1,918	1,948	1,544	1,508	-7.1
26	Pennsylvania	2,520	1,939	1,692	1,320	-15.9
27	South Dakota	1,453	1,344	1,257	1,334	-2.7
28	Nevada	1,698	1,342	1,058	980	-14.1
29	Tennessee	417	382	381	367	-4.0
30	New York	299	304	309	276	-2.6
31	Missouri	122	120	115	114	-2.2
32	Arizona	65	71	84	82	8.7
33	Virginia	7	12	13	10	14.3
<b>U.S. Total</b>		<b>2,431,476</b>	<b>2,394,268</b>	<b>2,376,444</b>	<b>2,354,831</b>	<b>-1.1</b>

Source: EIA, *Petroleum Supply Annual, Volume 1*, DOE/EIA-0340(97)/1, for 1994-1997, except for Utah data, which are from Utah Division of Oil, Gas and Mining, *Report of Utah Oil and Gas Activity, 1997*.

**Figure 3.3 Utah Crude Oil Production and Total Proved Reserves, 1960-1997**

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Source: American Petroleum Institute, *Reserves of Crude Oil, Natural Gas Liquids, and Natural Gas in the United States and Canada*, for 1960-1976 data; EIA, *U.S. Crude Oil, Natural Gas, and Natural Gas Liquids Reserves, 1997 Annual Report*, DOE/EIA-0216(97), for 1977-1997 data; Utah Division of Oil, Gas and Mining, for production data.

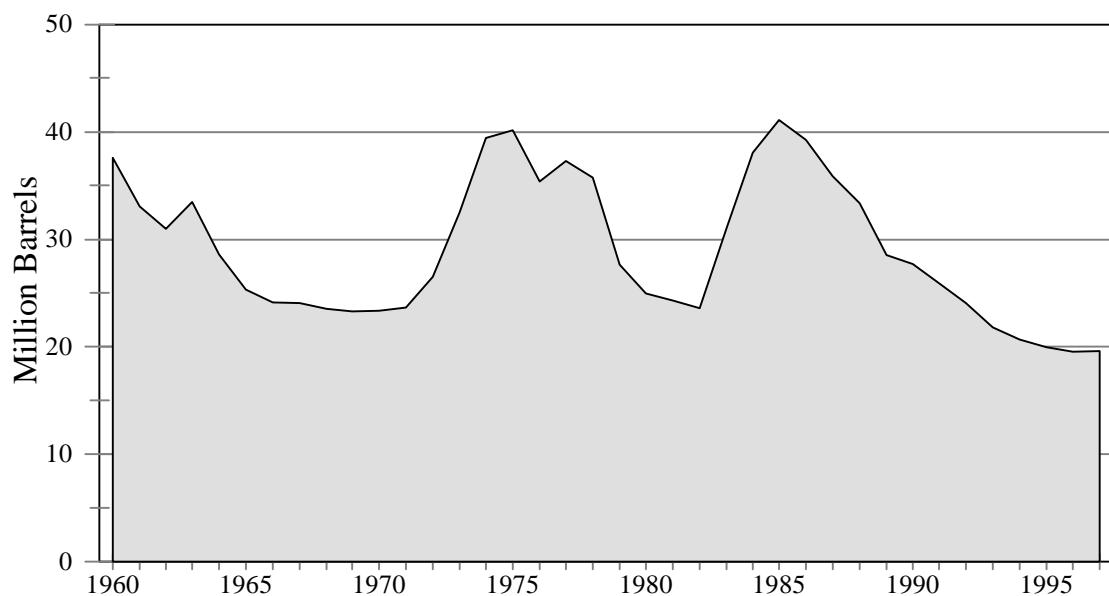
Table 3.7      **Utah Crude Oil Production, 1960-1997**  
 Barrels

Year	Number of Wells	Production	Average Well Production	Average Daily Production	Average Daily Well Production
1960	796	37,595,624	47,231	102,720	129
1961	795	33,083,532	41,615	90,640	114
1962	852	30,953,140	36,330	84,803	100
1963	835	33,448,539	40,058	91,640	110
1964	840	28,554,988	33,994	78,019	93
1965	841	25,319,032	30,106	69,367	82
1966	867	24,150,392	27,855	66,165	76
1967	869	24,044,187	27,669	65,874	76
1968	875	23,504,076	26,862	64,219	73
1969	843	23,305,504	27,646	63,851	76
1970	889	23,365,737	26,283	64,016	72
1971	870	23,629,644	27,161	64,739	74
1972	890	26,510,196	29,787	72,432	81
1973	989	32,543,791	32,906	89,161	90
1974	1,076	39,442,793	36,657	108,062	100
1975	1,323	40,144,239	30,343	109,984	83
1976	1,188	35,384,000	29,785	96,678	81
1977	1,448	37,316,000	25,771	102,236	71
1978	1,291	35,765,000	27,703	97,986	76
1979	1,560	27,652,396	17,726	75,760	49
1980	1,714	24,978,654	14,573	68,248	40
1981	1,543	24,309,495	15,755	66,601	43
1982	1,583	23,595,261	14,905	64,645	41
1983	1,668	31,045,199	18,612	85,055	51
1984	1,862	38,053,871	20,437	103,972	56
1985	1,944	41,080,175	21,132	112,548	58
1986	1,753	39,244,696	22,387	107,520	61
1987	1,813	35,828,527	19,762	98,160	54
1988	1,796	33,364,938	18,577	91,161	51
1989	1,802	28,504,075	15,818	78,093	43
1990	2,063	27,705,048	13,429	75,904	37
1991	2,085	25,927,639	12,435	71,035	34
1992	1,820	24,073,573	13,227	65,775	36
1993	1,858	21,825,986	11,747	59,797	32
1994	1,820	20,668,205	11,356	56,625	31
1995	1,865	19,975,319	10,711	54,727	29
1996	1,981	19,517,123	9,852	53,325	27
1997	1,962	19,584,440	9,982	53,656	27

Source: Utah Division of Oil, Gas and Mining, *Report of Utah Oil and Gas Activity, 1997*, for production data; Petroleum Information Corporation, *Oil and Gas Production Report, Nevada and Utah*, for number of wells; OERP for average well and daily calculations.

**Figure 3.4     Utah Crude Oil Production, 1960-1997**

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Source: Utah Division of Oil, Gas and Mining, *Report of Utah Oil and Gas Activity, 1997*, for production data.

Table 3.8a    **Utah Crude Oil Production by County, 1994-1997**  
 Barrels

1997 Rank	County	1994	1995	1996	1997	Annual Average Percent Change
						1994-1997
1	San Juan	6,669,681	6,585,400	6,637,805	6,919,623	1.2
2	Duchesne	5,782,897	5,654,825	6,103,865	6,357,788	3.3
3	Uintah	3,246,123	3,369,180	3,185,050	3,142,701	-1.1
4	Summit	4,441,344	3,930,036	3,110,018	2,741,847	-12.8
5	Garfield	273,266	260,031	250,315	239,969	-4.1
6	Grand	243,491	168,764	223,241	176,804	-9.1
7	Emery	8,623	5,744	4,771	3,354	-20.4
8	Daggett	2,616	1,312	1,828	2,271	-4.4
9	Sanpete	0	0	230	83	na
10	Carbon	164	27	0	0	-33.3
State Total		20,668,205	19,975,319	19,517,123	19,584,440	-1.7

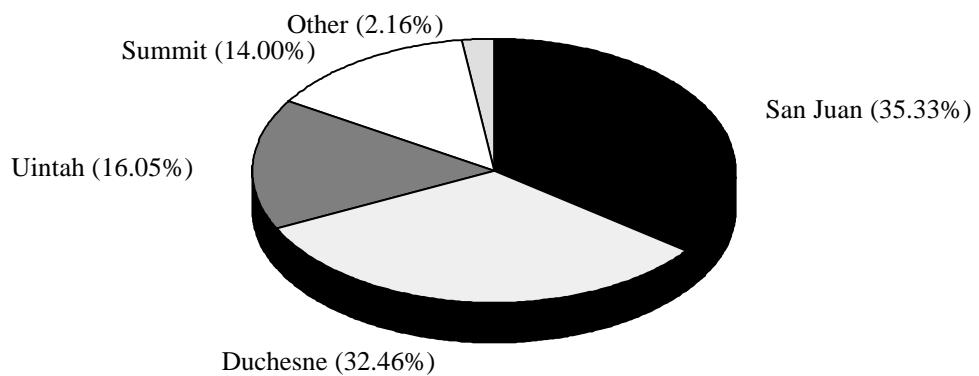
Table 3.8b    **Utah Crude Oil Production, Abandoned Production, and Cumulative Production by County, 1997**  
 Barrels

1997 Rank	County	1997 Production	Cumulative Production Through 1997	Abandoned Production Through 1997	Total Cumulative Through 1997
1	San Juan	6,919,623	251,491,234	248,287,520	499,778,754
2	Duchesne	6,357,788	209,234,004	45,610,974	254,844,978
3	Uintah	3,142,701	155,268,841	53,010,898	208,279,739
4	Summit	2,741,847	146,602,329	22,740,079	169,342,408
5	Garfield	239,969	23,174,663	2,272,549	25,447,212
6	Grand	176,804	5,126,778	1,347,851	6,474,629
7	Emery	3,354	525,627	68,428	594,005
8	Daggett	2,271	126,101	222,746	348,847
9	Sanpete	83	313	0	313
10	Carbon	0	1,826	135,084	136,910
11	Washington	0	0	4,774	4,774
12	Box Elder	0	740	1,925	2,665
State Total		19,584,440	791,552,456	373,702,828	1,165,255,284

Source: Utah Division of Oil, Gas and Mining, *Report of Utah Oil and Gas Activity, 1997*, for 1994-1997 data.

**Figure 3.5     Utah Crude Oil Production by County, 1997**

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Source: Utah Division of Oil, Gas and Mining, *Report of Utah Oil and Gas Activity, 1997*, for 1997 data.

Table 3.9    **Utah Crude Oil Production by the 25 Largest Fields, 1997**  
 Barrels

Rank	Field	County	Year Discovered	Production	Percent of State Production	Total Cumulative Production	Percent of Total Cumulative Production
1	Greater Aneth	San Juan	1956	6,182,473	31.6	399,930,581	34.3
2	Bluebell	Duchesne/Uintah	1955	2,861,874	14.6	140,226,978	12.0
3	Anschutz Ranch East	Summit	1980	2,283,044	11.7	120,752,571	10.4
4	Altamont	Duchesne	1970	1,666,965	8.5	112,073,947	9.6
5	Monument Butte	Duchesne	1964	1,359,438	6.9	10,711,060	0.9
6	Antelope Creek	Duchesne	1983	525,018	2.7	2,271,848	0.2
7	Wonsits Valley	Uintah	1959	502,608	2.6	45,891,416	3.9
8	Red Wash	Uintah	1951	407,158	2.1	78,758,090	6.8
9	Undesignated			292,443	1.5	1,331,193	0.1
10	Natural Buttes	Uintah	1972	290,330	1.5	3,325,256	0.3
11	Walker Hollow	Uintah	1953	260,944	1.3	16,766,385	1.4
12	Brundage Canyon	Duchesne	1984	246,520	1.3	2,034,921	0.2
13	Pineview	Summit	1975	244,948	1.3	29,641,184	2.5
14	Upper Valley	Garfield	1964	239,969	1.2	25,447,212	2.2
15	Cedar Rim	Duchesne	1969	201,028	1.0	12,587,433	1.1
16	Lisbon	San Juan	1960	151,197	0.8	50,642,166	4.3
17	8 Mile Flat North	Uintah	1983	150,317	0.8	2,311,655	0.2
18	Gypsum Hills	Uintah	1964	133,091	0.7	1,024,489	0.1
19	West Willow Creek	Uintah	1990	97,839	0.5	728,959	0.1
20	Bridger Lake	Summit	1966	93,746	0.5	13,063,753	1.1
21	Pariette Draw	Uintah	1987	80,920	0.4	541,090	*
22	Treaty Boundary	Duchesne	1983	77,854	0.4	407,478	*
23	Ashley Valley	Uintah	1929	69,908	0.4	20,176,104	1.7
24	Cave Canyon	San Juan	1987	67,061	0.3	2,161,467	0.2
25	Kiva	San Juan	1985	63,002	0.3	2,401,246	0.2
Subtotal				18,549,695	94.7	1,095,208,482	94.0
State Total				19,584,440	100.0	1,165,255,284	100.0

Source: Utah Division of Oil, Gas and Mining, *Report of Utah Oil and Gas Activity, 1997* and *Oil and Gas Production Report, December 1997*.

Note: \* Denotes values less than 0.1.

Table 3.10 Utah Crude Oil Production by the 25 Largest Operators, 1997  
Barrels

Rank	Operator	Oil Wells	Production	Percent of State Production	Total Cumulative Production	Percent of Total Cumulative Production
1	Mobil Explor & Prod	251	4,294,392	21.9	232,605,335	20.0
2	Coastal Oil & Gas Corp	207	2,465,295	12.6	95,005,801	8.2
3	Amoco Rocmount Co	0	2,284,141	11.7	121,574,512	10.4
4	Texaco E&P Inc	157	1,686,554	8.6	134,211,941	11.5
5	Inland Production Co	347	1,227,699	6.3	13,523,934	1.2
6	Chevron USA Inc	136	998,730	5.1	124,083,724	10.6
7	Pennzoil Co	55	903,534	4.6	46,535,453	4.0
8	Flying J Oil & Gas	50	646,140	3.3	23,150,698	2.0
9	Barrett Resources Corp	77	631,800	3.2	49,308,827	4.2
10	Petroglyph Operating Co	107	539,508	2.8	3,133,035	0.3
11	Equitable Resources Energy		439,736	2.2	na	na
12	Citation Oil & Gas Corp	60	424,928	2.2	38,284,298	3.3
13	Union Pacific Resources Co	13	346,595	1.8	31,465,852	2.7
14	Chandler & Associates Inc	12	223,549	1.1	3,076,416	0.3
15	Pennzoil Explor & Prod Co	10	194,328	1.0	10,724,839	0.9
16	Harken Southwest Corp	22	186,081	1.0	6,110,638	0.5
17	Quinex Energy Corp	16	171,119	0.9	3,420,302	0.3
18	CNG Producing	23	159,377	0.8	2,030,562	0.2
19	Union Oil Co of California	10	151,197	0.8	50,918,433	4.4
20	Aviara Energy Corp	12	129,154	0.7	1,562,347	0.1
21	Synder Oil Corp	43	121,002	0.6	3,071,005	0.3
22	Wildrose Resources Corp	29	106,232	0.5	1,540,676	0.1
23	US Oil & Gas Inc	36	104,531	0.5	21,310,072	1.8
24	Merit Energy Co	11	96,723	0.5	4,735,821	0.4
25	BTA Oil Producers	4	93,746	0.5	11,539,009	1.0
Subtotal			18,626,091	95.1	1,032,923,530	88.6
State Total			19,584,440	100.0	1,165,255,284	100.0

Source: Utah Division of Oil, Gas and Mining, *Report of Utah Oil and Gas Activity, 1997* and *Oil and Gas Production Report, December 1997*.

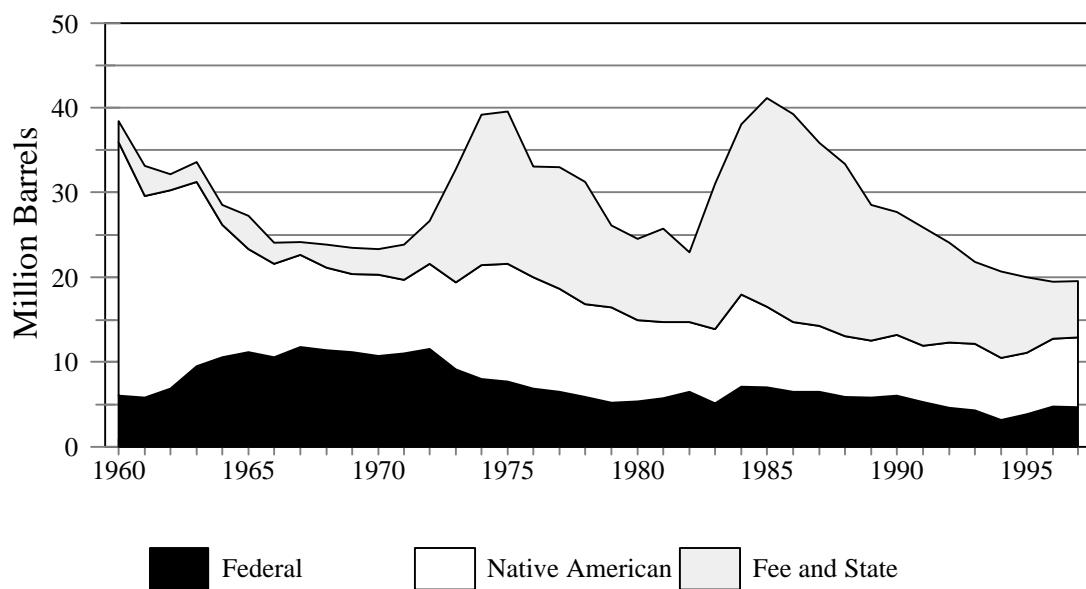
Table 3.11    **Utah Crude Oil Production by Landownership, 1960-1997**  
 Barrels

Year	Federal	Native American	Fee and State	Total
1960	6,026,547	29,908,204	2,497,624	38,432,375
1961	5,793,970	23,771,895	3,560,057	33,125,922
1962	6,921,282	23,312,036	1,974,248	32,207,566
1963	9,499,892	21,769,278	2,320,888	33,590,058
1964	10,532,879	15,630,619	2,359,009	28,522,507
1965	11,200,542	12,092,831	3,967,778	27,261,151
1966	10,551,634	11,012,524	2,546,105	24,110,263
1967	11,753,542	10,883,897	1,537,642	24,175,081
1968	11,374,753	9,736,363	2,708,354	23,819,470
1969	11,200,470	9,162,860	3,155,979	23,519,309
1970	10,755,483	9,578,200	2,972,012	23,305,695
1971	11,010,163	8,703,633	4,161,531	23,875,327
1972	11,549,733	10,022,721	5,057,465	26,629,919
1973	9,128,644	10,253,570	13,404,701	32,786,915
1974	8,056,459	13,346,894	17,826,461	39,229,814
1975	7,674,832	13,916,798	17,956,747	39,548,377
1976	6,918,516	13,083,578	13,064,017	33,066,111
1977	6,504,573	12,123,221	14,342,898	37,316,000
1978	5,864,344	10,959,570	14,401,233	35,765,000
1979	5,217,641	11,266,465	9,632,594	27,652,396
1980	5,357,524	9,597,679	9,573,935	24,978,654
1981	5,741,831	9,014,098	10,987,949	24,309,495
1982	6,442,595	8,274,857	8,248,659	23,595,261
1983	5,178,825	8,693,450	17,170,924	31,045,199
1984	7,060,663	10,871,207	20,122,001	38,053,871
1985	6,973,348	9,541,767	24,629,263	41,144,378
1986	6,512,093	8,182,235	24,550,877	39,245,205
1987	6,516,132	7,800,045	21,518,516	35,834,693
1988	5,869,096	7,161,520	20,319,410	33,350,026
1989	5,795,761	6,762,666	15,953,616	28,512,043
1990	6,003,862	7,193,799	14,495,507	27,693,168
1991	5,279,341	6,638,655	14,011,948	25,929,944
1992	4,593,083	7,681,932	11,799,603	24,074,618
1993	4,286,583	7,837,548	9,701,860	21,825,991
1994	3,179,306	7,290,508	10,192,522	20,662,336
1995	3,878,921	7,167,286	8,936,284	19,982,491
1996	4,760,131	7,949,683	6,793,747	19,503,561
1997	4,626,115	8,299,273	6,659,052	19,584,440

Source: Minerals Management Service, *Mineral Revenues*, for Federal and Native American ownership data; Utah Division of Oil, Gas and Mining, *Report of Utah Oil and Gas Activity, 1997*, for 1977-1997 production data.

**Figure 3.6 Utah Crude Oil Production by Landownership, 1960-1997**

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Source: Minerals Management Service, *Mineral Revenues*, for Federal and Native American ownership data; Utah Division of Oil, Gas and Mining, *Report of Utah Oil and Gas Activity, 1997*, for 1977-1997 production data.

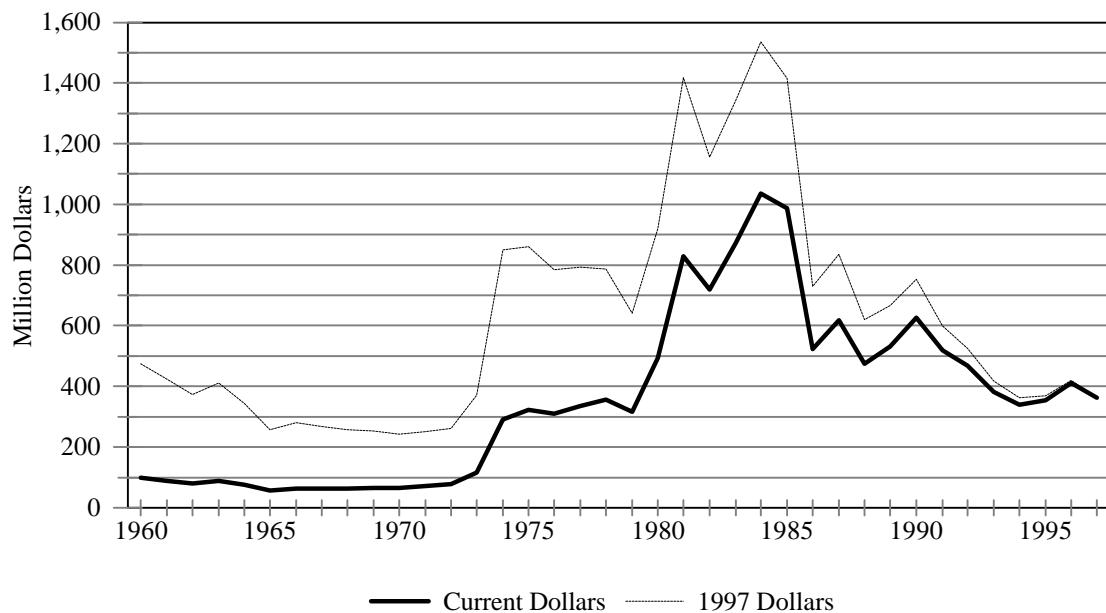
Table 3.12 Utah Production, Price, and Value of Crude Oil, 1960-1997

Year	Crude Oil Production Barrels	Wellhead Price Dollars/Barrel	Value of Crude Oil Dollars	Wellhead Price 1997 Dollars/Barrel	Value of Crude Oil
					1997 Dollars
1960	37,595,624	2.61	98,124,579	12.60	473,777,472
1961	33,083,532	2.69	88,994,701	12.82	424,233,215
1962	30,953,140	2.56	79,240,038	12.05	372,991,813
1963	33,448,539	2.64	88,304,143	12.27	410,504,797
1964	28,554,988	2.63	75,099,618	12.08	344,845,187
1965	25,319,032	2.26	57,221,012	10.17	257,494,555
1966	24,150,392	2.64	63,757,035	11.56	279,092,079
1967	24,044,187	2.63	63,236,212	11.17	268,455,616
1968	23,504,076	2.71	63,696,046	11.01	258,693,327
1969	23,305,504	2.80	65,255,411	10.86	253,145,992
1970	23,365,737	2.81	65,657,721	10.33	241,388,680
1971	23,629,644	3.04	71,834,118	10.62	250,973,238
1972	26,510,196	2.94	77,939,976	9.87	261,738,726
1973	32,543,791	3.59	116,832,210	11.41	371,288,802
1974	39,363,032	7.39	290,892,806	21.59	850,011,448
1975	40,025,353	8.06	322,604,345	21.49	860,023,432
1976	35,384,000	8.80	311,379,200	22.20	785,429,596
1977	37,316,000	8.96	334,351,360	21.27	793,555,443
1978	35,765,000	9.98	356,934,700	22.01	787,355,956
1979	27,652,396	11.41	315,513,838	23.21	641,868,116
1980	24,978,654	19.79	494,327,563	36.86	920,726,007
1981	24,309,495	34.14	829,926,159	58.28	1,416,793,519
1982	23,595,261	30.50	719,655,461	48.95	1,154,939,220
1983	31,045,199	28.12	872,990,996	43.28	1,343,522,394
1984	38,053,871	27.21	1,035,445,830	40.33	1,534,751,724
1985	41,144,163	23.98	986,637,029	34.41	1,415,773,798
1986	39,245,205	13.33	523,138,583	18.61	730,187,228
1987	35,834,693	17.22	617,073,413	23.31	835,388,195
1988	33,345,565	14.24	474,840,846	18.61	620,436,645
1989	28,512,015	18.63	531,178,839	23.37	666,194,197
1990	27,693,766	22.61	626,156,049	27.18	752,591,405
1991	25,929,956	19.99	518,339,820	23.11	599,313,770
1992	24,074,796	19.39	466,810,294	21.81	525,161,581
1993	21,819,408	17.48	381,403,252	19.17	418,205,320
1994	20,662,530	16.38	338,452,241	17.53	362,282,371
1995	19,983,451	17.71	353,906,917	18.48	369,336,996
1996	19,512,946	21.10	411,723,161	21.54	420,316,294
1997	19,584,440	18.56	363,487,206	18.56	363,487,206

Source: Utah Division of Oil, Gas and Mining for crude oil production; EIA, *Petroleum Marketing Monthly*, DOE/EIA-0380, for wellhead price in current dollars; and OERP calculations for wellhead price in constant 1997 dollars and value of crude oil in current and constant 1997 dollars.

**Figure 3.7 Utah Value of Crude Oil, 1960-1997**

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Source: Utah Division of Oil, Gas and Mining for crude oil production; EIA, *Petroleum Marketing Monthly*, DOE/EIA-0380, for wellhead price in current dollars; and OERP calculations for wellhead price in constant 1997 dollars and value of crude oil in current and constant 1997 dollars.

Table 3.13    **Utah Crude Oil Pipelines, 1997**  
Miles of Pipeline by Diameter

Operator	Pipeline Diameter							Total Miles
	3"	4"	6"	8"	10"	12"	16"	
Amoco Pipeline Co.	--	--	22	79	3	--	--	104
Anschutz Ranch East Pipeline, Inc.	--	--	--	--	40	--	--	40
Chevron Pipeline Co.	7	7	7	4	348	--	--	373
Four Corners Pipeline Co.	--	--	--	--	--	--	22	22
Frontier Pipeline Co.	--	--	--	--	--	--	1	1
Texas-New Mexico Pipeline	--	1	17	8	2	--	--	28
Unocal Corp.	--	--	--	--	67	--	--	67
Total Miles by Diameter	7	8	46	91	460	0	23	635

Source: Company interviews.

Note: -- denotes zero miles of pipeline.

**Table 3.14 Utah Refinery Receipts of Crude Oil by State of Origin, 1960-1997**  
Thousand Barrels

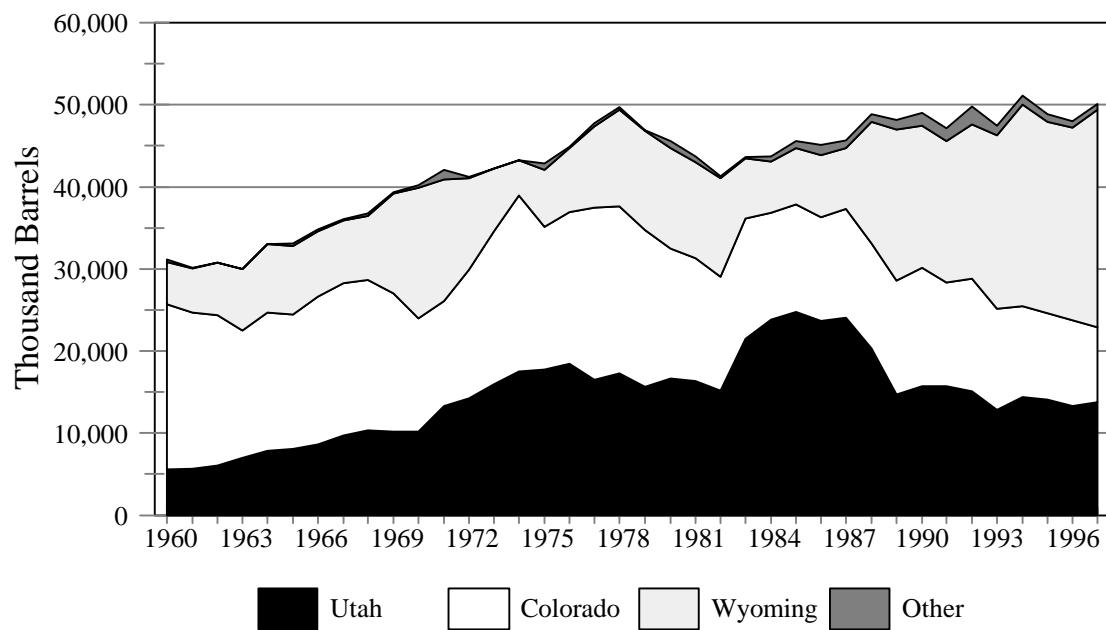
Year	Utah	Colorado	Wyoming	Other	Total
1960	5,536	20,156	5,169	296	31,157
1961	5,621	19,030	5,431	67	30,149
1962	6,060	18,319	6,332	64	30,775
1963	6,948	15,544	7,473	0	29,965
1964	7,844	16,831	8,287	81	33,043
1965	8,027	16,435	8,339	249	33,050
1966	8,619	17,963	7,991	227	34,800
1967	9,713	18,550	7,589	211	36,063
1968	10,303	18,394	7,737	342	36,776
1969	10,172	16,841	12,156	206	39,375
1970	10,236	13,687	15,934	288	40,145
1971	13,272	12,815	14,815	1,182	42,084
1972	14,210	15,705	11,099	172	41,186
1973	15,979	18,631	7,574	24	42,208
1974	17,461	21,445	4,270	0	43,176
1975	17,736	17,372	6,926	784	42,818
1976	18,419	18,512	7,818	99	44,848
1977	16,530	20,935	9,896	365	47,726
1978	17,319	20,280	11,786	270	49,655
1979	15,650	19,077	12,046	154	46,927
1980	16,617	15,846	12,233	820	45,516
1981	16,354	14,931	11,724	691	43,700
1982	15,139	13,911	12,033	163	41,246
1983	21,454	14,696	7,283	182	43,615
1984	23,819	13,045	6,195	613	43,672
1985	24,743	13,107	6,827	872	45,549
1986	23,701	12,567	7,574	1,290	45,132
1987	24,051	13,246	7,454	913	45,664
1988	20,330	12,783	14,739	978	48,830
1989	14,688	13,861	18,380	1,250	48,179
1990	15,739	14,385	17,265	1,576	49,104
1991	15,739	12,585	17,214	1,576	48,647
1992	15,055	13,706	18,829	2,159	50,079
1993	12,853	12,295	21,082	1,219	48,544
1994	14,365	7,444	24,520	1,076	48,802
1995	14,073	10,547	23,294	906	46,695
1996	13,288	10,470	23,447	766	46,126
1997	13,747	9,098	26,506	726	48,492

Source: EIA, Form EIA-810, *Monthly Refinery Report* and OERP estimates.

Note: Other is comprised of Montana, Nevada, and New Mexico.

**Figure 3.8     Utah Refinery Receipts of Crude Oil by State of Origin, 1960-1997**

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Source: EIA, Form EIA-810, *Monthly Refinery Report* and OERP estimates.

Table 3.15a **Utah Refinery Activity, 1996**  
Thousand Barrels

Product Description	Beginning Stocks	Receipts	Inputs	Production	Shipments	Losses and Fuel Use	Ending Stocks
Crude Oil	767	46,126	45,766	502	0	0	633
Unfinished Oils	530	1,188	2,066	1,682	937	0	368
Oxygenated Gasoline	0	0	0	232	232	0	0
Other Finished Gasoline	569	43	10	26,087	26,129	0	572
Gasoline Blending Components	762	1,000	2,456	1,579	152	0	702
Finished Aviation Gasoline	3	0	0	110	109	0	4
Jet Fuel-Naphtha Type	18	0	10	37	45	0	0
Jet Fuel-Kerosene Type	131	8	0	4,866	4,886	0	119
Kerosene	1	4	3	26	85	0	2
Distillate Fuel Oil	555	3,066	3,100	16,481	16,022	521	520
Residual Fuel Oil	215	7	974	2,361	1,484	103	58
Asphalt and Road Oil	219	216	24	665	1,061	0	73
Wax	0	0	0	110	107	0	14
Petroleum Coke-Marketable	4	0	0	511	510	0	5
Petroleum Coke-Catalyst	0	0	0	620	0	620	0
Still Gas	0	17	17	1,946	16	1,930	0
Propane	114	7	0	784	874	3	55
Butane	55	832	1,034	215	142	0	67
Isobutane	66	455	545	138	78	0	41
Other Products-Non Fuel	0	0	0	15	15	0	0

Source: EIA, Form EIA-810, *Monthly Refinery Report*.

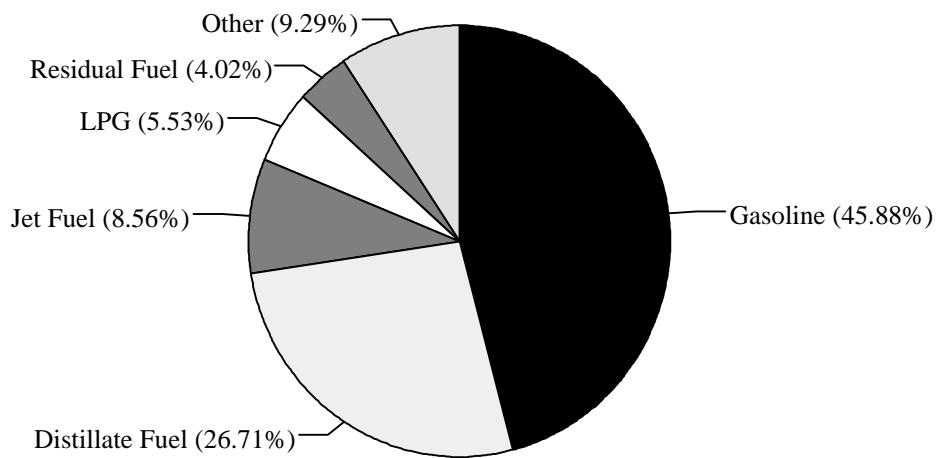
Table 3.15b **Utah Refinery Activity, 1997**  
Thousands Barrels

Product Description	Beginning Stocks	Receipts	Inputs	Production	Shipments	Losses and Fuel Use	Ending Stocks
Crude Oil	633	48,492	48,486	0	0	0	654
Unfinished Oils	368	1,113	1,916	902	48	3	511
Oxygenated Gasoline	0	0	0	706	660	0	0
Other Finished Gasoline	572	134	20	26,217	25,401	967	544
Gasoline Blending Components	702	695	2,084	1,523	205	0	740
Finished Aviation Gasoline	4	0	0	73	72	0	5
Jet Fuel-Naphtha Type	0	0	0	0	0	0	0
Jet Fuel-Kerosene Type	119	0	11	5,025	4,971	0	165
Kerosene	2	9	2	15	22	0	3
Distillate Fuel Oil	520	2,024	2,450	15,675	14,909	0	564
Residual Fuel Oil	58	0	834	2,359	1,347	55	64
Asphalt and Road Oil	73	193	0	640	813	0	93
Wax	14	6	0	1,164	1,151	0	20
Petroleum Coke-Marketable	5	0	0	562	556	6	5
Petroleum Coke-Catalyst	0	0	0	557	11	535	0
Still Gas	0	19	18	1,902	18	1,884	0
Propane	55	0	0	727	661	5	95
Butane	67	852	950	277	218	0	65
Isobutane	41	692	749	340	294	0	39
Other Products-Non Fuel	0	0	0	13	13	0	0

Source: EIA, Form EIA-810, *Monthly Refinery Report*.

**Figure 3.9     Utah Refinery Activity, 1997**

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Source: EIA, Form EIA-810, *Monthly Refinery Report*.

Table 3.16    **Utah Petroleum Refining Capacity as of January 1, 1998**  
 Barrels per Calendar Day

Company	Location	Crude Capacity	Vacuum Distillation	Thermal Cracking	Catalytic Cracking		Catalytic Reforming	Catalytic Hydrocracking	Catalytic Hydrotreating
					Fresh	Recycled			
Amoco Oil Co.	Salt Lake City	52,000	0	0	18,600	4,000	10,500	0	10,500
Big West Oil Co.	Salt Lake City	24,000	5,000	0	5,000	500	5,500	0	14,000
Chevron U.S.A.	Salt Lake City	45,000	27,500	8,500	14,000	0	8,000	0	28,300
Inland Resources	Woods Cross	12,500	5,000	0	0	0	2,100	4,000	0
Phillips 66 Co.	Woods Cross	25,000	5,500	0	8,000	2,600	7,200	0	13,700
Total		158,500	43,000	8,500	45,600	7,100	33,300	4,000	66,500

Company	Location	Alkylates	Aromatics	Asphalt and Road Oil	Marketable Petroleum Coke				
					Isomers	Lubricants	Hydrogen Mmcf/d	Sulfur Short Tons/Day	
Amoco Oil Co.	Salt Lake City	5,200	0	0	0	0	0	0	15
Big West Oil Co.	Salt Lake City	1,400	0	0	3,000	0	0	0	4
Chevron U.S.A.	Salt Lake City	5,600	0	0	1,300	0	1,900	0	22
Inland Resources	Woods Cross	0	0	4,100	0	0	0	0	0
Phillips 66 Co.	Woods Cross	2,400	0	1,700	2,600	0	0	0	10
		14,600	0	5,800	6,900	0	1,900	0	51

Source: EIA, *Petroleum Supply Annual 1997, Volume 1*, DOE/EIA-0340(97)/1.

**Table 3.17 Utah Petroleum Refinery Capacity Utilization, 1960-1997**

Year	Capacity	Crude Oil Runs		Utilization Rate
		Barrels per Year	Barrels per Day	
1960	97,000	31,126,000	85,044	87.7
1961	101,000	30,123,000	82,529	81.7
1962	101,000	30,655,000	83,986	83.2
1963	102,500	30,104,000	82,477	80.5
1964	102,500	32,930,000	89,973	87.8
1965	103,000	33,176,000	90,893	88.2
1966	103,200	34,792,000	95,321	92.4
1967	109,000	36,081,000	98,852	90.7
1968	111,600	36,750,000	100,410	90.0
1969	112,600	39,253,000	107,542	95.5
1970	114,900	40,113,000	109,899	95.6
1971	117,700	42,021,000	115,126	97.8
1972	119,300	41,229,000	112,648	94.4
1973	121,300	42,330,000	115,973	95.6
1974	133,150	43,008,000	117,830	88.5
1975	143,000	42,797,000	117,252	82.0
1976	152,000	44,907,000	122,697	80.7
1977	158,425	47,857,000	131,115	82.8
1978	158,335	49,522,000	135,677	85.7
1979	162,425	48,180,000	132,000	81.3
1980	167,000	45,472,000	124,240	74.4
1981	167,000	43,134,000	118,175	70.8
1982	166,500	41,053,000	112,474	67.6
1983	168,000	43,439,000	119,011	70.8
1984	169,400	43,456,000	118,732	70.1
1985	161,500	45,359,000	124,271	76.9
1986	154,500	45,046,000	123,414	79.9
1987	153,500	45,658,000	125,090	81.5
1988	154,500	48,796,000	133,322	86.3
1989	154,500	47,762,000	130,855	84.7
1990	154,500	48,975,000	134,178	86.8
1991	154,500	48,852,000	133,841	86.6
1992	154,500	49,776,000	136,000	87.8
1993	154,500	48,307,000	132,348	86.5
1994	154,500	48,486,000	132,838	85.3
1995	150,500	46,157,000	126,458	84.9
1996	146,500	45,766,000	125,044	83.9
1997	158,500	47,954,000	131,381	84.7

Source: EIA, Form EIA-810, *Monthly Refinery Report*.

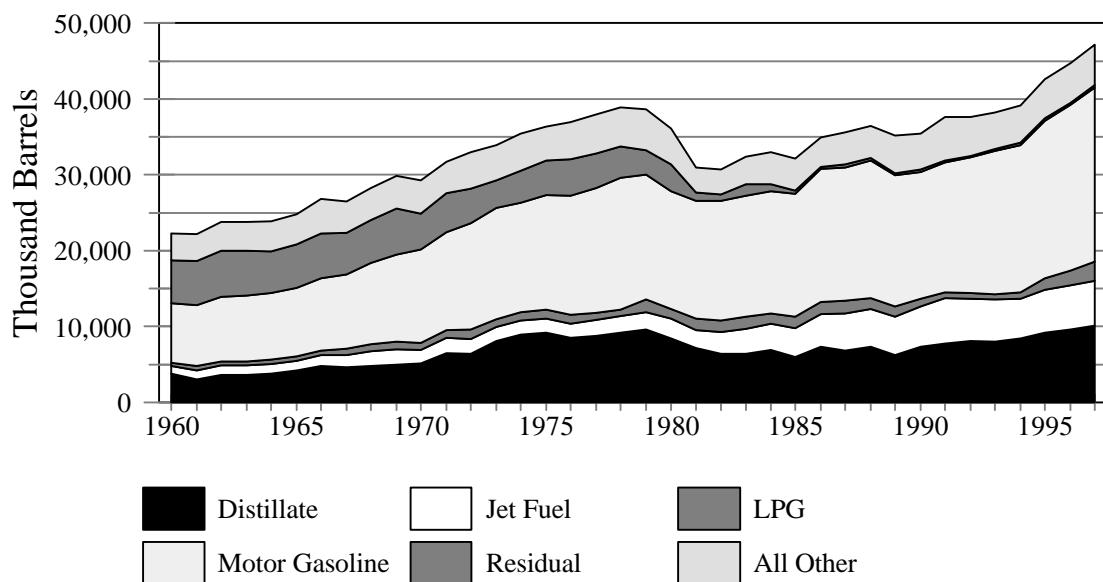
Table 3.18    **Utah Consumption of Petroleum Products, 1960, 1970-1997**  
 Thousand Barrels

Year	Asphalt and Road oil	Aviation Gasoline	Distillate Fuel	Jet Fuel	Kerosene	LPG	Lubricants	Motor Gasoline	Residual Fuel	Other Petroleum Products	Total
1960	813	595	3,775	1,003	36	452	214	7,813	5,715	1,820	22,235
1970	1,576	178	5,107	1,808	250	939	256	12,308	4,656	2,163	29,241
1971	1,399	168	6,522	1,947	301	1,010	247	12,958	5,076	2,078	31,707
1972	1,804	179	6,403	1,963	378	1,223	265	14,052	4,494	2,209	32,969
1973	1,419	172	8,028	1,889	361	1,080	305	14,614	3,638	2,416	33,921
1974	1,571	187	8,906	1,864	198	1,096	292	14,439	4,222	2,626	35,401
1975	1,219	161	9,165	1,903	146	1,169	232	15,063	4,603	2,702	36,362
1976	1,661	161	8,484	1,828	112	1,219	257	15,741	4,768	2,703	36,933
1977	1,823	174	8,797	2,034	113	928	299	16,509	4,543	2,727	37,948
1978	1,699	164	9,168	2,164	112	841	321	17,478	4,122	2,822	38,890
1979	1,903	147	9,610	2,302	158	1,658	336	16,480	3,187	2,838	38,619
1980	1,477	139	8,401	2,637	102	1,301	299	15,534	3,495	2,729	36,113
1981	927	140	7,098	2,424	155	1,546	287	15,548	1,022	1,762	30,910
1982	933	76	6,438	2,801	192	1,523	262	15,793	855	1,844	30,715
1983	820	103	6,387	3,284	58	1,577	274	15,954	1,600	2,364	32,421
1984	1,340	78	6,894	3,413	49	1,387	292	16,151	953	2,417	32,974
1985	1,576	94	5,941	3,808	31	1,486	272	16,236	431	2,231	32,107
1986	1,295	110	7,312	4,335	24	1,542	266	17,541	360	2,123	34,907
1987	1,429	99	6,768	4,969	30	1,652	301	17,582	357	2,379	35,566
1988	1,069	112	7,328	4,977	25	1,432	290	18,172	288	2,747	36,442
1989	1,671	106	6,179	5,095	11	1,386	298	17,303	252	2,879	35,180
1990	1,378	106	7,339	5,281	13	1,074	307	16,628	372	2,883	35,380
1991	2,870	118	7,789	5,917	17	747	274	17,186	201	2,508	37,627
1992	1,633	133	8,062	5,607	4	696	280	17,909	248	2,999	37,570
1993	1,730	114	8,000	5,518	9	779	285	18,831	288	2,691	38,244
1994	1,819	88	8,401	5,270	9	784	298	19,440	349	2,724	39,180
1995	2,179	64	9,164	5,658	6	1,531	292	20,772	299	2,619	42,583
1996E	2,288	51	9,622	5,771	5	1,990	321	21,811	312	2,593	44,765
1997E	2,402	41	10,103	5,887	5	2,587	353	22,901	327	2,567	47,173

Source: EIA, *State Energy Data Report 1995*, DOE/EIA-0214(95), for 1960-1995 data, and Utah Office of Energy and Resource Planning for estimated 1996-1997 data.

Figure 3.10 Utah Consumption of Petroleum Products, 1960-1997

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Source: EIA, *State Energy Data Report 1995*, DOE/EIA-0214(95), for 1960-1995 data, and Utah Office of Energy and Resource Planning for estimated 1996-1997 data.

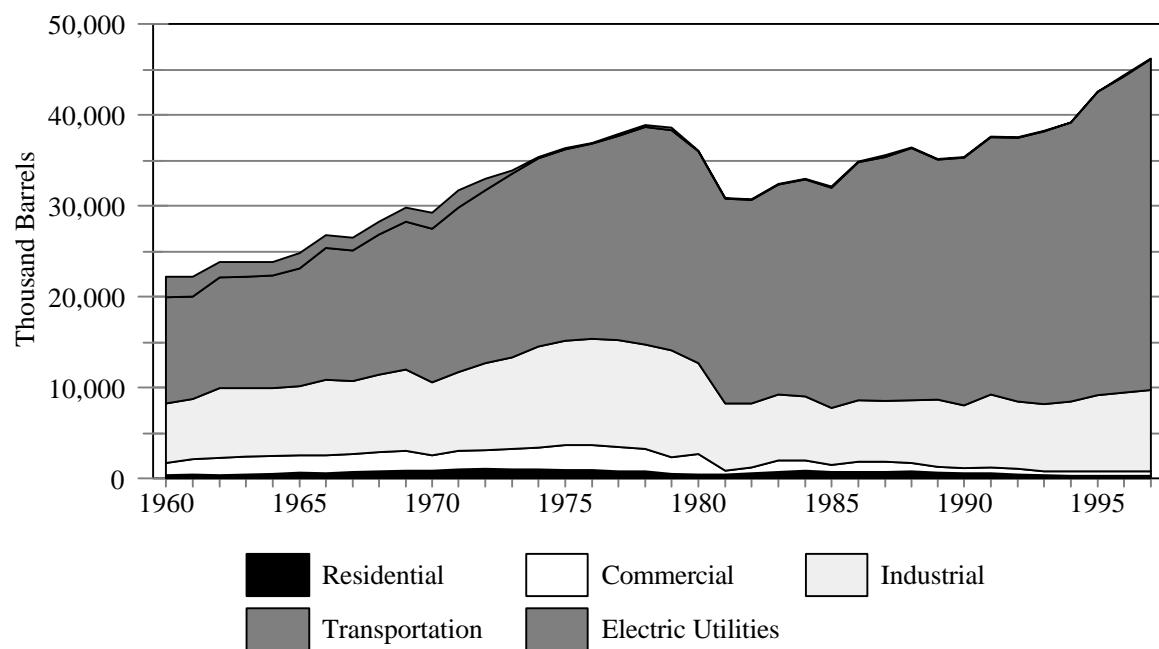
**Table 3.19 Utah Consumption of Petroleum Products by End Use, 1960-1997**  
Thousands Barrels

Year	Residential	Commercial	Industrial	Transportation	Electric Utilities	Total
1960	349	1,349	6,536	11,698	2,302	22,235
1961	431	1,683	6,646	11,249	2,172	22,182
1962	400	1,904	7,630	12,189	1,677	23,801
1963	436	1,957	7,521	12,308	1,603	23,825
1964	517	1,942	7,514	12,364	1,531	23,869
1965	624	1,899	7,651	12,991	1,605	24,769
1966	570	1,981	8,361	14,482	1,430	26,824
1967	698	2,004	8,029	14,343	1,411	26,485
1968	832	2,085	8,500	15,413	1,437	28,267
1969	857	2,203	8,920	16,256	1,624	29,861
1970	844	1,687	8,040	16,893	1,777	29,241
1971	974	2,087	8,639	18,127	1,880	31,707
1972	1,082	2,028	9,572	19,018	1,269	32,969
1973	1,017	2,266	10,058	20,217	363	33,921
1974	985	2,441	11,142	20,692	141	35,401
1975	925	2,736	11,511	21,028	162	36,362
1976	933	2,748	11,684	21,488	80	36,933
1977	803	2,641	11,761	22,451	292	37,948
1978	817	2,424	11,498	23,969	182	38,890
1979	561	1,761	11,820	24,214	263	38,619
1980	460	2,255	10,027	23,245	126	36,113
1981	483	421	7,335	22,592	79	30,910
1982	600	641	6,991	22,424	59	30,715
1983	730	1,240	7,257	23,115	79	32,421
1984	842	1,136	7,067	23,872	58	32,974
1985	715	804	6,259	24,250	80	32,107
1986	703	1,158	6,720	26,191	135	34,907
1987	758	1,075	6,731	26,815	187	35,566
1988	772	951	6,922	27,694	103	36,442
1989	655	648	7,414	26,377	86	35,180
1990	566	610	6,847	27,274	84	35,380
1991	581	656	7,974	28,334	82	37,627
1992	452	623	7,375	29,058	62	37,570
1993	354	480	7,331	30,025	55	38,244
1994	280	554	7,618	30,674	53	39,180
1995	296	515	8,365	33,345	61	42,583
1996E	284	510	8,658	34,846	61	44,358
1997E	273	505	8,961	36,414	61	46,213

Source: EIA, *State Energy Data Report 1995*, DOE/EIA-0214(95), for 1960-1995 data, and Utah Office of Energy and Resource Planning for estimated 1996-1997 data.

**Figure 3.11 Utah Consumption of Petroleum Products by End Use, 1960-1997**

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Source: EIA, *State Energy Data Report 1995*, DOE/EIA-0214(95), for 1960-1995 data, and Utah Office of Energy and Resource Planning for estimated 1996-1997 data.

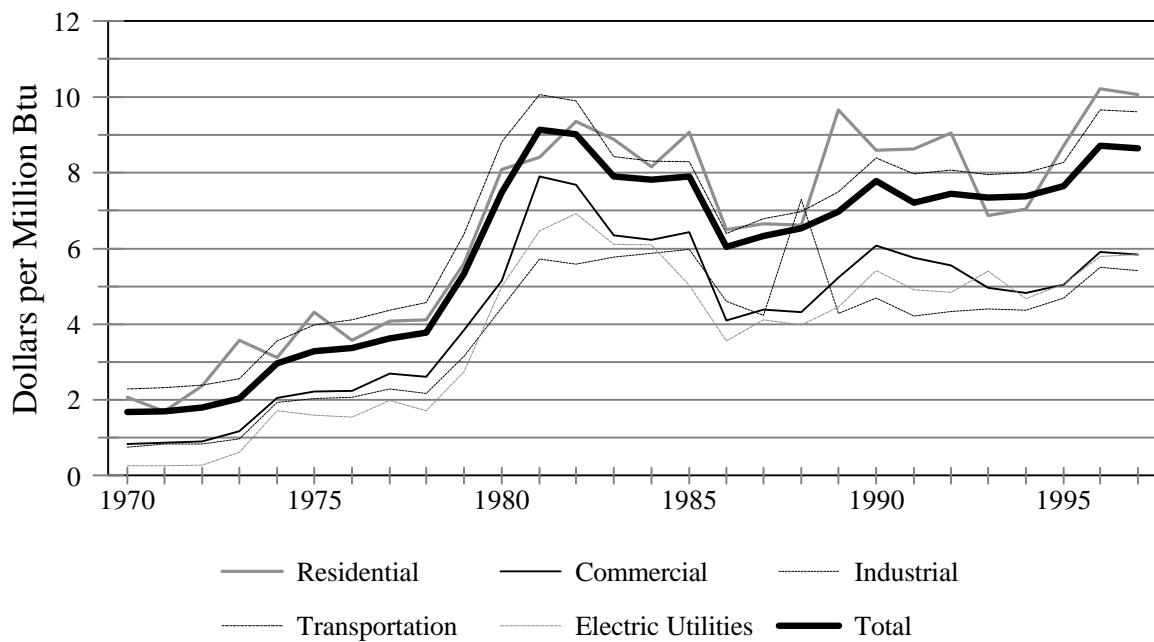
**Table 3.20 Utah End-Use Price of Petroleum Products Utah, 1970-1997**  
 Dollars per Million Btu

Year	Residential	Commercial	Industrial	Transportation	Electric Utilities	Total
1970	2.06	0.84	0.75	2.28	0.26	1.67
1971	1.70	0.86	0.83	2.32	0.26	1.69
1972	2.37	0.90	0.83	2.39	0.27	1.79
1973	3.57	1.18	0.95	2.55	0.62	2.02
1974	3.12	2.05	1.90	3.56	1.71	2.95
1975	4.31	2.22	2.02	3.97	1.59	3.27
1976	3.57	2.24	2.07	4.11	1.54	3.35
1977	4.07	2.69	2.28	4.37	1.99	3.61
1978	4.12	2.61	2.17	4.57	1.72	3.76
1979	5.59	3.84	3.13	6.37	2.74	5.32
1980	8.08	5.14	4.41	8.82	5.00	7.46
1981	8.40	7.90	5.55	10.06	6.46	9.05
1982	9.35	7.69	5.33	9.89	6.92	8.91
1983	8.87	6.35	5.31	8.42	6.11	7.77
1984	8.15	6.23	5.40	8.30	6.09	7.69
1985	9.07	6.46	5.45	8.28	5.02	7.77
1986	6.49	4.12	4.28	6.39	3.55	5.96
1987	6.65	4.40	4.00	6.78	4.12	6.26
1988	6.61	4.33	4.01	6.98	3.98	6.46
1989	9.66	5.25	4.07	7.49	4.45	6.91
1990	8.59	6.08	4.68	8.39	5.42	7.79
1991	8.62	5.75	4.21	7.97	4.90	7.21
1992	9.04	5.55	4.33	8.07	4.84	7.44
1993	6.87	4.95	4.41	7.96	5.39	7.34
1994	7.03	4.83	4.36	8.00	4.67	7.37
1995	8.70	5.04	4.68	8.26	5.05	7.64
1996E	10.21	5.91	5.49	9.65	5.79	8.71
1997E	10.07	5.83	5.42	9.60	5.84	8.65

Source: EIA, *State Energy Price and Expenditure Report 1995*, DOE/EIA-0376(95).

**Figure 3.12 Utah End Use-Price of Petroleum Products, 1970-1997**

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Source: EIA, *State Energy Price and Expenditure Report 1995*, DOE/EIA-0376(95).

